Simons Voss technologies

Operating Instructions for the Palm LDB Version 1.40

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1. General Method of Operation

With the Palm Organizer (versions: Palm m5xx, Tungsten W and Tungsten T3) and the PalmCD2 programming device, you can very conveniently and easily program and read out your System 3060 digital lockings.

- If you use a Palm Tungsten W, you must make sure that you deactivate the mobile radio telephone function when you operate it together with the PalmCD2, because otherwise the radio range to the digital locking can be restricted.

1.1 Programming Lockings

Create the locking plan with the help of the LDB locking plan software. We recommend that you use a PC to program the components (lockings, transponders) the first time. Subsequent changes to the authorizations are made in the locking plan software and then transmitted to the Palm (m5xx, Tungsten W and Tungsten T3). After that, you can program the lockings with the PalmCD2 and also make changes in the locking plan (authorize or block transponders). When you have completed the programming, transmit the updated data to the locking plan software on the PC.

1.2 Reading out Lockings

You can use the PalmCD2 in combination with the Palm (m5xx, Tungsten W and Tungsten T3) to read out access lists and transponder lists on the spot.

- You can also combine the PalmCD1 with the Palm Vx.

1.3 Opening the Door

An emergency opening with the help of the password is also possible.

2. System Requirements

- The PalmLDB software is compatible with all Palm Organizers listed above that have the PalmOS operating system, from version 3.5 to 5.2.1.

- Make sure that you always use the latest software versions for the LDB locking plan software and the PalmLDB. You can obtain more information on this subject from your dealer or directly from SimonsVoss.

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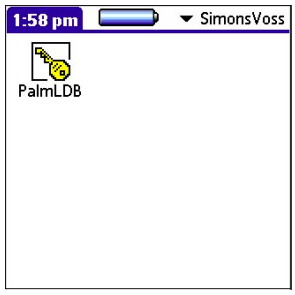
3. Installing the PalmLDB

Before you install the PalmLDB, you must install the Palm Organizer Software and carry out a HotSync.

- If an older PalmLDB version is installed on the Palm, you must delete it first.

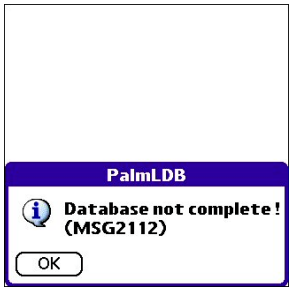
Insert the SimonsVoss CD. In the Windows task bar, click **Start → Programs → Palm Desktop → Palm Quick Install**, and then *Add*. Select the CD-ROM drive and click **Software → PalmLDB → English →PalmLDB_deDe**.
☺ deDe indicates that this is the German version of the PalmLDB (the file has a different and appropriate abbreviation for each country).

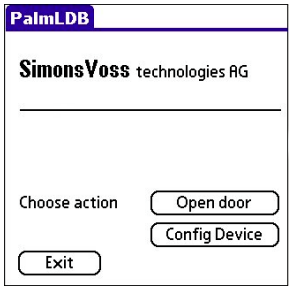
Now click **Done** and carry out a HotSync procedure. Then the icon for starting the PalmLDB appears on the Palm interface under the category *SimonsVoss*.



3.1 Starting the PalmLDB

Touch the key symbol with the Palm stylus to start the PalmLDB. If you have not yet exported a locking plan to the Palm, you will see the message *Database not complete*. Furthermore, the *Edit Lockings* button will not be visible in the main menu.





3.2 Read the Software Version

Do this by touching **PalmLDB → PalmLDB-Info** in the menu bar. If an older software version (< PalmLDB1.40) is installed, please contact your dealer or SimonsVoss directly.

- Make sure that the LDB that you are using matches the respective PalmLDB. If an older software version (< LDB1.40) is installed, please contact your dealer or SimonsVoss directly.
- You can also operate the Palm LDB1.40 in combination with the WaveNet LDB (1.41).

4. Starting Actions

Now you can carry out the following actions:

❶ **Edit lockings**
Program and read out lockings

❷ **Open the door**
Carry out an emergency opening with the help of the password

❸ **ConfigDevice**
Reset and test the programming device

❹ **Exit**
Leave the program

Before you can program and read out the access list and transponder lists, you must first load the locking plan on to the Palm (see the section "Exporting the Locking Plan to the Palm").

☺ There is a test system on the SimonsVoss CD. If you would like to familiarize yourself with this locking system, you must use the Install Tool to install all six files (PDB format). The test system's file password is *test*.

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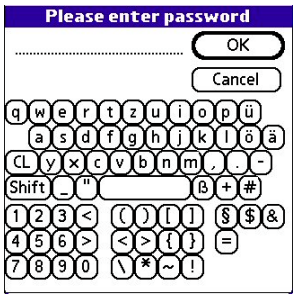
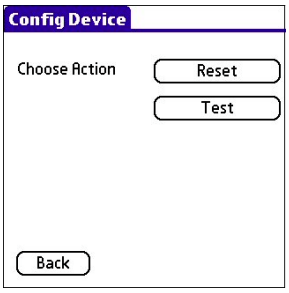
4.1 Carry out Emergency Opening

Touch the **Open door** button. Then enter the locking system password (for LSM: the user password) on the keyboard shown in the display. Pay attention to upper and lower case letters – the password is case-sensitive. Then touch **OK**.



4.2 Testing the PalmCD2

Touch the **ConfigDevice** button. Then place the Palm (m5xx, Tungsten W and Tungsten T3) on the PalmCD2.



Touch **Test** to check the PalmCD2 programming device. If it does not respond, you can reset it with the button with that name. Then check your programming device again. The PalmCD2 should report software version 9.3 or later.

PalmCD2: If the PalmCD2 does not respond, you should check the battery status. If necessary, remove the PalmCD2 from the Palm briefly and then put it on again.

4.3 Reading out an Unknown Locking

Touch **Edit lockings** and then **Read**.

You will see the following information:

- ID numbers of the locking system and locking
- Battery status of the locking
- Software version of the locking

With the **Status** and **Configuration** buttons, you can obtain additional information on the locking.

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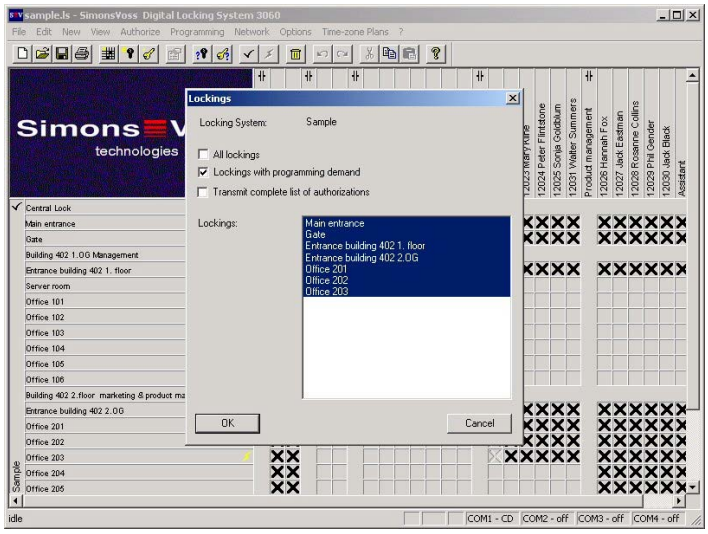
5. Exporting the Locking Plan to the Palm

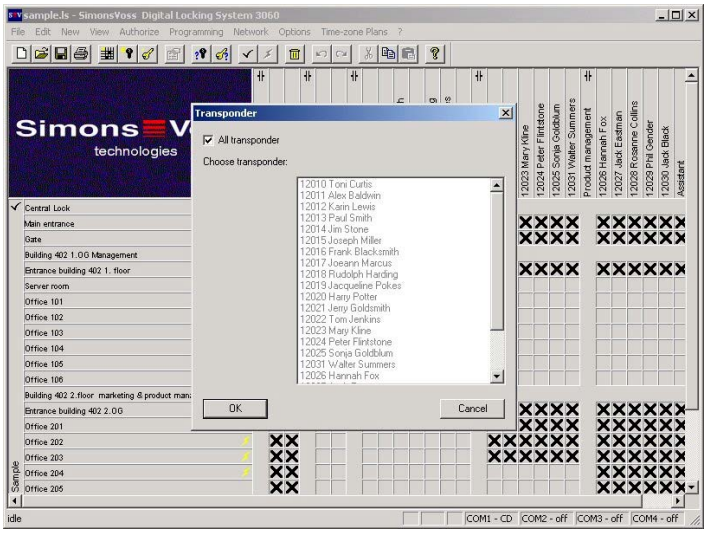


Open your locking plan on the PC and make any changes that are necessary. Then authorize the locking plan and transponder programming. Select **File → Export → Palm databases**.

Select *All transponders* or only particular transponders. If you would like to have the transponder descriptions included in the display when you read out the access list or transponder list, you should always activate *All transponders*. Otherwise, the read-out display shows only the ID numbers of the transponders, not their descriptions. Next, select the locking system and lockings that you want to edit with the Palm.

You can select lockings in one of the following ways:

1. All lockings
2. Lockings that need to be programmed
3. Only particular lockings



Transmit complete list of authorizations means that the complete locking plan will be exported. This is particularly important if you want to use the Palm to make short-term changes to the authorizations. If you do not select this option, only the locking plan changes will be transmitted. Confirm with OK.

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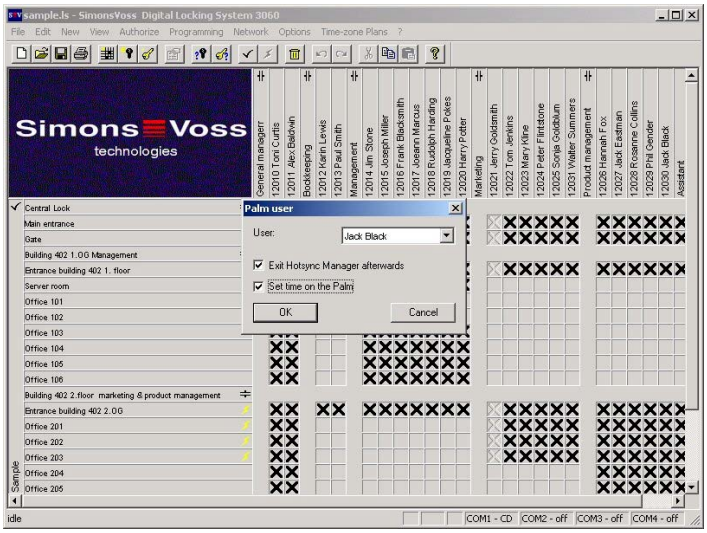
Now indicate the Palm user for whom the locking plan is to be exported and whether you want to end the HotSync manager automatically after transmission. The last setting is important if you subsequently want to work with the ConfigDevice on the same serial interface. If you want to synchronize the time of day on the PC with that on the Palm, activate **Set time on the Palm** and confirm with **OK**. We recommend that you always set the time.



- Make sure that the time of day and date in the Palm agree with the real time and date. It may be that the Palm does not automatically switch over to daylight saving time or standard time.

Carry out a HotSync procedure. The locking plan will now be transmitted to your Palm.

- You must end the PalmLDB on the Palm to export data from the LDB or LSM to the Palm or to import data from the Palm to the LDB or LSM.

- To set the baud rate, proceed as described in the following. In the task bar, click the symbol and then Configure... If you are using the PalmCD2, you should normally set the speed to "as fast as possible" in the Local tab. If there are problems during the synchronization, we recommend that you reduce the baud rate.

- After you export the locking plan to the Palm, you should not make any further changes in the locking plan software LDB until the import, because otherwise there could be conflicts, or so-called inconsistencies.

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6. Edit Lockings

In the PalmLDB, touch **Edit lockings** and then **Enter**. Enter the file password on the keyboard shown in the display. Pay attention to upper and lower case letters – the password is case-sensitive.

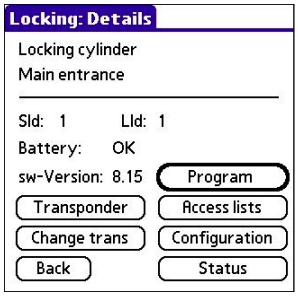
Then touch **OK**. If you touch the down arrow, a list of available locking systems appears; you can make your selection from this list.

☝ The Palm can always edit only **one** database exported from the LDB, but it is certainly possible that this database contains more than one locking system.

Now you can carry out the actions described in the following sections.

6.1 Reading out Lockings

Place the PalmCD2, with the Palm Organizer on it, close to the digital locking and touch **Read**. If the locking that you are reading needs to be programmed, the Program button will be framed in a thick line.



The display contains information on the locking's properties. You can also display the access list or transponder list. Touch the appropriate buttons.

Reading out the lists can take some time. You can shorten this time by displaying only the transponder ID numbers, not the descriptions. You can choose this option in the PalmLDB in *Administer lockings* under **Options** → **Configuration**. Do this by selecting the "Administer locking systems" field.

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If you do not want to display the transponder names, deactivate the control box by touching it.

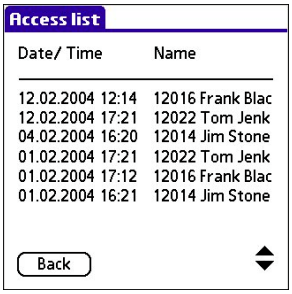
To determine whether the Palm is communicating with the corresponding locking via the PalmCD2, you can select the "Acoustic acknowledges" control box. This provides an acoustic signal indicating ongoing radio communication throughout the entire programming process.

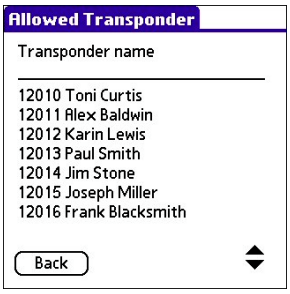
- If you are programming an SREL.ADV in combination with one or more Smart Output modules (expansion modules), the time required for both the programming and the processing can vary, depending on the Palm Organizer that you use.

- While the data is being processed (display in "%" in the process manager) in the Palm, you can remove the Palm from the locking, because the Palm and the locking are no longer communicating.

6.2 Access and Transponder Lists

Touch the appropriate button.





☺ If you have already read a locking's access or transponder list and you touch one of the associated buttons again, you will be asked if you want to read the list out again or if you would like to display the saved version.

👍 Because of their sizes (last 1024 accesses), the access lists of SmartRelays (SREL, SREL.ZK & SREL.ADV) are not shown on the Palm, but instead only in the LDB or LSM.

6.3 Configuration

You receive information as to which configuration has been selected. You cannot change the configuration in the Palm (m5xx, Tungsten W and Tungsten T3).

6.4 Status

Here you receive information on the locking's status, such as whether it is time to change the battery.

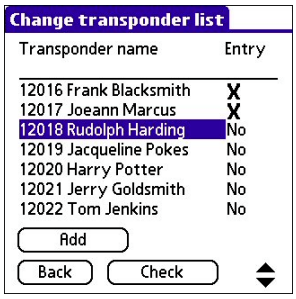
6.5 Change the Transponder List

You can change the locking authorization here. Touch the appropriate button. Enter your locking system password.

☺ You can also use the Palm (m5xx, Tungsten W and Tungsten T3) in combination with the PalmCD2 to verify the locking system password with the password transponder. Do this by touching the appropriate button.

You will see a list of authorized transponders, which are marked with an X, and blocked transponders.

Mark the appropriate transponder. Then you can authorize or block the transponder. The locking will be programmed when you select the appropriate key.



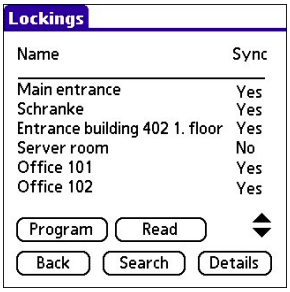
6.6 Search for Lockings

Touch the **Search** button. If you want to search anywhere in the description text of the locking for the search pattern that you enter here, place a checkmark in front of *Search with wildcards*. Otherwise, only the lockings whose first letters correspond to the search pattern that you enter will be selected.

Enter the search pattern and then touch **Search**. Select the locking that you want from the search result list by touching it.

6.7 Choosing Lockings

Here you will see a list of all lockings in a locking system and information as to which lockings need to be programmed (Sync). The "Yes" behind the locking description means that the locking still needs to be programmed.



You can also search for lockings in this window. To edit a locking, mark the corresponding name. Now you can program, read or display the properties (details) of the selected locking.

6.8 Resetting Lockings

You can reset a locking to its factory configuration. Do this by touching **Reset**. First the software reads the locking. Then the software asks if you want to delete the access list, too. Then touch **Reset** and enter the password that belongs to the locking.

☺ You can also use the Palm (m5xx, Tungsten W and Tungsten T3) in combination with the PalmCD2 to verify the locking system password with the password transponder. Do this by touching the appropriate button.

The software then deletes the data in the locking.

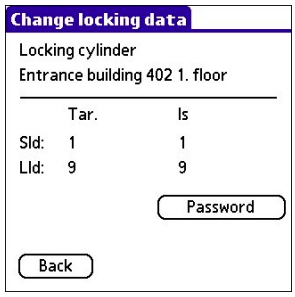
6.9 Replacing a Digital Locking

When you replace a locking that cannot be reset, the software cannot program the new locking at first. First you have to reset this locking in the locking plan:

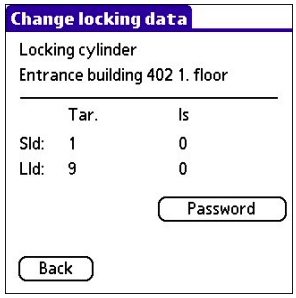
Select the appropriate locking and touch **Details**. In the menu bar, select **Locking properties→ Data**. Then enter the locking system password.

☺ You can also use the Palm (m5xx, Tungsten W and Tungsten T3) in combination with the PalmCD2 to verify the locking system password with the password transponder. Do this by touching the appropriate button.

The PalmLDB now shows the **Target** and **Actual** values for the locking. Reset both **Target** values to "Zero" by touching the appropriate number. Delete this and replace the number with a **0** (zero). Touch the **Password** button. Enter 0x0 (zero, small x, zero) as the password. Touch Accept. Then you can program the new locking with the same description.



👍 You do not have to perform these steps if you can reset the cylinder that you want to replace ("old"). After the reset, you can program the new locking cylinder immediately.



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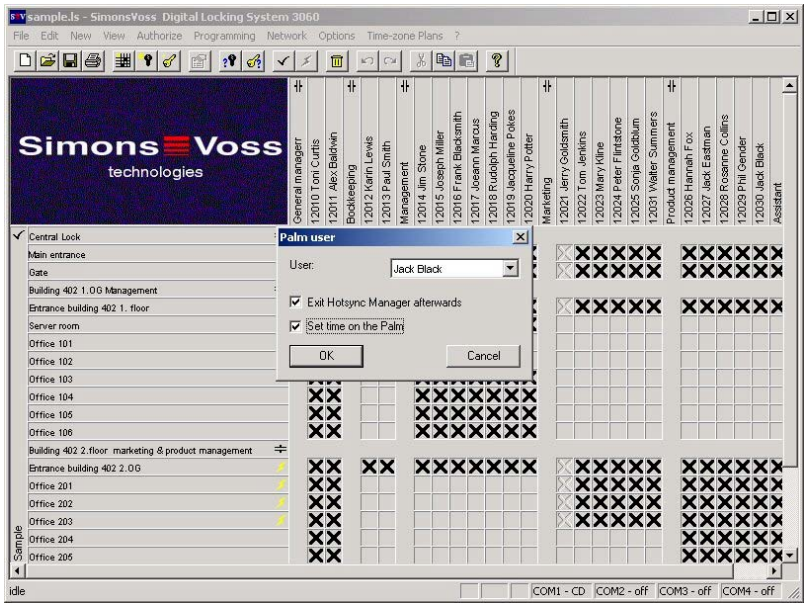
7. Reimporting Data From the Palm to the PC

After you have finished programming or reading out the components, you must transfer the data from the Palm back to the PC. Do this by placing the Palm in the docking station. In the locking plan software, select **File → Import → Palm databases**. Select the Palm user and click **OK**. Carry out a HotSync procedure. The data is then coordinated.



For example, you can now program the transponders using the ConfigDevice and PC. If you use the same interface (such as COM1) for the Palm and the ConfigDevice, you must first exit the HotSync manager so that the serial interface is free for the ConfigDevice. This can either take place automatically, if you make the appropriate setting in Palm user dialog box, or you can click the symbol at the lower right of the Windows task bar and then click **Exit**.

Check the ConfigDevice in the locking plan software under **Programming → Check programming device**. If you want to work with the Palm again, reactivate the HotSync Manager with **Start →Programs → Palm Desktop → HotSync Manager**.

- If you use the same serial interface for the ConfigDevice and the HotSync station, conflicts can arise in the communication.

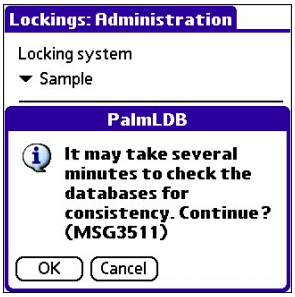
You can remedy this problem as follows:

- Deactivate the serial interface in the locking plan software on the PC (**Options → Comport**) before each HotSync process.
- After the successful transmission, exit the HotSync Manager, if necessary, and activate the serial interface in the locking plan software. Then you can work with the ConfigDevice.

8. Checking and Repairing the Database

If the Palm crashes during programming or before import of the data to the locking plan software, you can check the data records and repair them.

Lockings with defective data records are not included in the subsequent import to the locking plan software, so that you must reprogram these lockings or read them again.



In the menu bar, touch **Administer locking systems→ Database→ Check** and follow the PalmLDB instructions.